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EXAMINER
POKRZYWA, JOSEPH R

ART UNIT	PAPER NUMBER
2622	

DATE MAILED: 08/12/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/314,957	IIDA, JUNICHI
	Examiner	**Art Unit**	
	Joseph R. Pokrzywa	2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any .
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *5/16/03* .

2a)☒ This action is **FINAL.**   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *20-30,32-43 and 45-52* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *20-30,32-43 and 45-52* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____ .

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)	4) ☒ Interview Summary (PTO-413) Paper No(s). *13* .
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) ☐ Notice of Informal Patent Application (PTO-152)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) *12* .	6) ☐ Other: .

DETAILED ACTION

Response to Amendment

1.   Applicant's amendment was received on 5/16/03, and has been entered and made of

record. Currently, **claims 20-30, 32-43, 45-52** are pending.

Response to Arguments

2.   Applicant's arguments with respect to **claims 20, 30, 33, and 43** have been considered

but are moot in view of the new ground(s) of rejection.

Information Disclosure Statement

3.   The references listed in the Information Disclosure Statement submitted on 5/30/03 have

been considered by the examiner (see attached PTO-1449).

Claim Objections

4.   **Claim 33** is objected to because of the following informalities:

In *claim 33*, lines 12 and 13, "the communicator transmits" should be removed, since a

communicator is not introduced in the method.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the
> manner in which the invention was made.

6.   **Claims 20-30, 32-43, and 45-52** are rejected under 35 U.S.C. 103(a) as being

unpatentable over Mochizuki (U.S. Patent Number 6,101,526) in view of Sato *et al.* (U.S. Patent

Number 6,230,189).

Regarding *claim 20*, Mochizuki discloses a communication apparatus (see Fig. 1, being

apparatus 22, seen in Fig. 2, and referenced as apparatus b, column 3, lines 21 through 28)

including a scanner and a printer (image input unit 18 and image output unit 19, column 3, lines

12 through 16, and column 8, lines 52 through 56) connected to a terminal apparatus (23 or 24)

via a network (see Fig. 2), with the communication apparatus (22) comprising a receiver that

receives e-mail data (see Figs. 3 and 4, column 4, line 43 through column 5, line 25), a memory

that stores the e-mail data received by the receiver (storage unit 14, column 4, line 33 through

column 5, line 25), a generator that generates a HTML file including management data

corresponding to the stored e-mail data (steps S107-S109 in Fig. 3, and steps S111-S114 in Fig.

4, column 4, line 39 through column 6, line 15), the management data including sender data of

the e-mail data (column 5, lines 39 through 48), and a communicator that performs a HTTP

protocol communication (column 4, lines 47 through 60) with the terminal apparatus to transmit

the HTML file to the terminal apparatus when a request for the management data is received

from the terminal apparatus (column 4, line 39 through column 6, line 15, steps S107-S109 in

Fig. 3, and steps S111-S114 in Fig. 4), the management data in the HTML file being displayable

at the terminal apparatus (column 5, line 35 through column 6, line 15), wherein, when

management data is designated at the terminal apparatus, the communicator transmits e-mail data

corresponding to the designated management data to the terminal apparatus (see Figs. 4 and 5,

steps S114-S119 and steps S123-S125, column 6, line 8 through column 7, line 59).

However, Mochizuki does not particularly teach if the receiver receives e-mail data **via**

the network, since the e-mail data is generated at the image input device 18, seen in Figs. 1 and

3. Sato discloses a communication apparatus (network facsimile apparatus 2) including a scanner

and a printer (32 and 31) connected to a terminal apparatus (client terminal 4a) via a network

(network facility 5), with the communication apparatus (2) comprising a receiver that receives e-

mail data via the network (column 8, line 60 through column 9, line 10, and column 11, lines 29

through 41), a memory that stores the e-mail data received by the receiver (image memory 25,

column 5, lines 55 through 67), a generator that generates a HTML file including management

data corresponding to the stored e-mail data (column 6, lines 1 through 16), and a communicator

that performs a HTTP protocol communication (column 4, lines 44 through 56) with the terminal

apparatus to transmit the HTML file to the terminal apparatus when a request for the

management data is received from the terminal apparatus (column 9, line 62 through column 10,

line 16), the management data in the HTML file being displayable at the terminal apparatus

(column 13, lines 24 through 40). Further, Sato teaches of generating e-mail data at the scanner

(column 5, line 55 through column 6, line 49), being similar to the operation of Mochizuki

discussed above. Because of this, it would have been obvious to a person of ordinary skill in the

art at the time the invention was made to include the capability of receiving e-mail data via the

network, along with through the scanner, as taught by Sato, in the system of Mochizuki.

Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems

share cumulative features, being additive in nature.

Regarding *claim 21*, Mochizuki and Sato disclose the apparatus discussed above in claim

20, and Mochizuki further teaches that the memory stores a plurality of e-mail data, and the

generator generates a list of management data (column 5, line 35 through column 6, line 15).

Regarding *claim 22*, Mochizuki and Sato disclose the apparatus discussed above in claim

20, and Sato further teaches that the memory stores a TIFF file attached to the e-mail data

(column 16, lines 29 through 60, and column 17, lines 36 through 67). Therefore, it would have

been obvious to a person of ordinary skill in the art at the time the invention was made to include

Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to

incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 23*, Mochizuki and Sato disclose the apparatus discussed above in claim

20, and Sato further teaches that the management data includes at least a time at which the e-mail

data corresponding to the management data is stored in the memory (see Figs. 8 and 9).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the

invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system

would easily be modified to incorporate Sato's teachings, as the systems share cumulative

features, being additive in nature.

Regarding *claim 24*, Mochizuki and Sato disclose the apparatus discussed above in claim

20, and Mochizuki further teaches that the sender data comprises an origination address (column

5, lines 39 through 48).

Regarding *claim 25*, Mochizuki and Sato disclose the apparatus discussed above in claim 20, and Mochizuki further teaches that the terminal apparatus comprises a personal computer with a display (see Fig. 2).

Regarding *claim 26*, Mochizuki and Sato disclose the apparatus discussed above in claim 20, and Sato teaches that the scanner (32) scans a document to obtain image data (column 6, lines 30 through 38), with the apparatus further comprising a compressor that compresses the image data (column 6, lines 39 through 49), and a facsimile transmitter that transmits the compressed image data to a destination via a telephone network (column 6, lines 50 through 61). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 27*, Mochizuki and Sato disclose the apparatus discussed above in claim 20, and Sato further teaches of a facsimile receiver that receives facsimile data via a telephone network (column 10, lines 31 through 42), and a converter that converts the received facsimile data into a TIFF file (column 16, line 29 through column 17, line 67), wherein the memory stores the TIFF file (column 16, lines 42 through 45), and the generator generates management data corresponding to the TIFF file as a structured document (column 11, lines 11 through 29). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 28*, Mochizuki and Sato disclose the apparatus discussed above in claim 27, and Sato further teaches of a determining section that determines whether the data was received via the network or the telephone network (step S101, seen in Figs. 6 and 16, column 10, lines 24 through 42). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 29*, Mochizuki and Sato disclose the apparatus discussed above in claim 20, and Sato further teaches that the generator assigns a specific number to each management data, the specific number being utilized to identify each management data (see Figs. 8 and 9). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 30*, Mochizuki discloses a communication apparatus (see Fig. 1, being apparatus 22, seen in Fig. 2, and referenced as apparatus b, column 3, lines 21 through 28) including a scanner and a printer (image input unit 18 and image output unit 19, column 3, lines 12 through 16, and column 8, lines 52 through 56) connected to a terminal apparatus (23 or 24) via a network (see Fig. 2), with the communication apparatus (22) comprising a receiver that receives e-mail data (see Figs. 3 and 4, column 4, line 43 through column 5, line 25), a memory that stores the e-mail data received by the receiver (storage unit 14, column 4, line 33 through column 5, line 25), a generator that generates a HTML file including management data

corresponding to the stored e-mail data (steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4, column 4, line 39 through column 6, line 15), the management data including sender data of the e-mail data (column 5, lines 39 through 48), a communicator that performs a HTTP protocol communication (column 4, lines 47 through 60) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 4, line 39 through column 6, line 15, steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4), the management data in the HTML file being displayable at the terminal apparatus (column 5, line 35 through column 6, line 15), and a controller that, in response to receipt of a designation of management data by the terminal apparatus, and in response to receipt of a command output by the terminal apparatus, controls a transmission of the stored e-mail data corresponding to the designated management data in accordance with the command (see Figs. 4 and 5, steps S114-S119 and steps S123-S125, column 6, line 8 through column 7, line 59).

However, Mochizuki does not particularly teach if the receiver receives e-mail data **via the network**, since the e-mail data is generated at the image input device 18, seen in Figs. 1 and 3. Sato discloses a communication apparatus (network facsimile apparatus 2) including a scanner and a printer (32 and 31) connected to a terminal apparatus (client terminal 4a) via a network (network facility 5), with the communication apparatus (2) comprising a receiver that receives e-mail data via the network (column 8, line 60 through column 9, line 10, and column 11, lines 29 through 41), a memory that stores the e-mail data received by the receiver (image memory 25, column 5, lines 55 through 67), a generator that generates a HTML file including management data corresponding to the stored e-mail data (column 6, lines 1 through 16), and a communicator

that performs a HTTP protocol communication (column 4, lines 44 through 56) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 9, line 62 through column 10, line 16), the management data in the HTML file being displayable at the terminal apparatus (column 13, lines 24 through 40). Further, Sato teaches of generating e-mail data at the scanner (column 5, line 55 through column 6, line 49), being similar to the operation of Mochizuki discussed above. Because of this, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the capability of receiving e-mail data via the network, along with through the scanner, as taught by Sato, in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 32*, Mochizuki and Sato disclose the apparatus discussed above in claim 30, and Mochizuki further teaches of a converter that converts the stored e-mail data into image data (column 4, lines 5 through 46, and column 5, lines 4 through 10), wherein the printer (image output unit 19) prints the converted image data (column 7, lines 46 through 59), and wherein the controller controls printing of the converted e-mail data in accordance with the command from the terminal apparatus (column 7, lines 6 through 62).

Regarding *claim 33*, Mochizuki discloses a communication method using a communication apparatus (see Fig. 1, being apparatus 22, seen in Fig. 2, and referenced as apparatus b, column 3, lines 21 through 28) including a scanner and a printer (image input unit 18 and image output unit 19, column 3, lines 12 through 16, and column 8, lines 52 through 56) connected to a terminal apparatus (23 or 24) via a network (see Fig. 2), with the method

comprising receiving e-mail data (see Figs. 3 and 4, column 4, line 43 through column 5, line

25), storing the received e-mail into a memory (storage unit 14, column 4, line 33 through

column 5, line 25), generating a HTML file including management data corresponding to the

stored e-mail data (steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4, column 4, line 39

through column 6, line 15), the management data including sender data of the e-mail data

(column 5, lines 39 through 48), and performing a HTTP protocol communication (column 4,

lines 47 through 60) with the terminal apparatus to transmit the HTML file to the terminal

apparatus when a request for the management data is received from the terminal apparatus

(column 4, line 39 through column 6, line 15, steps S107-S109 in Fig. 3, and steps S111-S114 in

Fig. 4), the management data in the HTML file being displayable at the terminal apparatus

(column 5, line 35 through column 6, line 15), wherein, when management data is designated at

the terminal apparatus, e-mail data corresponding to the designated management data is

transmitted to the terminal apparatus (see Figs. 4 and 5, steps S114-S119 and steps S123-S125,

column 6, line 8 through column 7, line 59).

However, Mochizuki does not particularly teach of receiving e-mail data **via the**

network, since the e-mail data is generated at the image input device 18, seen in Figs. 1 and 3.

Sato discloses a communication method using a communication apparatus (network facsimile

apparatus 2) including a scanner and a printer (32 and 31) connected to a terminal apparatus

(client terminal 4a) via a network (network facility 5), with the communication method

comprising receiving e-mail data via the network (column 8, line 60 through column 9, line 10,

and column 11, lines 29 through 41), storing the received e-mail data into a memory (image

memory 25, column 5, lines 55 through 67), generating a HTML file including management data

corresponding to the stored e-mail data (column 6, lines 1 through 16), and a communicator that

performs a HTTP protocol communication (column 4, lines 44 through 56) with the terminal

apparatus to transmit the HTML file to the terminal apparatus when a request for the

management data is received from the terminal apparatus (column 9, line 62 through column 10,

line 16), the management data in the HTML file being displayable at the terminal apparatus

(column 13, lines 24 through 40). Further, Sato teaches of generating e-mail data at the scanner

(column 5, line 55 through column 6, line 49), being similar to the operation of Mochizuki

discussed above. Because of this, it would have been obvious to a person of ordinary skill in the

art at the time the invention was made to include the capability of receiving e-mail data via the

network, along with through the scanner, as taught by Sato, in the system of Mochizuki.

Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems

share cumulative features, being additive in nature.

Regarding *claim 34*, Mochizuki and Sato disclose the method discussed above in claim

33, and Mochizuki further teaches that the storing stores a plurality of e-mail data into the

memory, and the generating generates a list of management data (column 5, line 35 through

column 6, line 15).

Regarding *claim 35*, Mochizuki and Sato disclose the method discussed above in claim

33, and Sato further teaches that the storing stores a TIFF file attached to the e-mail data (column

16, lines 29 through 60, and column 17, lines 36 through 67). Therefore, it would have been

obvious to a person of ordinary skill in the art at the time the invention was made to include

Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to

incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 36*, Mochizuki and Sato disclose the method discussed above in claim 33, and Sato further teaches that the generating the HTML file including the management data includes generating at least a time at which the e-mail data corresponding to the management data is stored in the memory (see Figs. 8 and 9). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 37*, Mochizuki and Sato disclose the method discussed above in claim 33, and Mochizuki further teaches that the sender data comprises an origination address (column 5, lines 39 through 48).

Regarding *claim 38*, Mochizuki and Sato disclose the method discussed above in claim 33, and Mochizuki further teaches that the terminal apparatus comprises a personal computer with a display (see Fig. 2).

Regarding *claim 39*, Mochizuki and Sato disclose the method discussed above in claim 33, and Sato teaches of scanning a document to obtain image data (column 6, lines 30 through 38), compressing the image data (column 6, lines 39 through 49), and transmitting the compressed image data to a destination via a telephone network (column 6, lines 50 through 61). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 40*, Mochizuki and Sato disclose the method discussed above in claim 33, and Sato further teaches of receiving facsimile data via a telephone network (column 10, lines 31 through 42), and converting the received facsimile data into a TIFF file (column 16, line 29 through column 17, line 67), wherein the TIFF file is stored into memory (column 16, lines 42 through 45), and management data corresponding to the TIFF file is generated as a structured document (column 11, lines 11 through 29). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 41*, Mochizuki and Sato disclose the method discussed above in claim 40, and Sato further teaches of determining whether the data was received via the network or the telephone network (step S101, seen in Figs. 6 and 16, column 10, lines 24 through 42). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 42*, Mochizuki and Sato disclose the method discussed above in claim 33, and Sato further teaches of assigning a specific number to each management data, the specific number being utilized to identify each management data (see Figs. 8 and 9). Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include Sato's teachings in the system of Mochizuki. Mochizuki's system would easily

be modified to incorporate Sato's teachings, as the systems share cumulative features, being

additive in nature.

Regarding *claim 43*, Mochizuki discloses a communication method using a

communication apparatus (see Fig. 1, being apparatus 22, seen in Fig. 2, and referenced as

apparatus b, column 3, lines 21 through 28) including a scanner and a printer (image input unit

18 and image output unit 19, column 3, lines 12 through 16, and column 8, lines 52 through 56)

connected to a terminal apparatus (23 or 24) via a network (see Fig. 2), with the method

comprising receiving e-mail data (see Figs. 3 and 4, column 4, line 43 through column 5, line

25), storing the received e-mail data into a memory (storage unit 14, column 4, line 33 through

column 5, line 25), generating a HTML file including management data corresponding to the

stored e-mail data (steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4, column 4, line 39

through column 6, line 15), the management data including sender data of the e-mail data

(column 5, lines 39 through 48), performing a HTTP protocol communication (column 4, lines

47 through 60) with the terminal apparatus to transmit the HTML file to the terminal apparatus

when a request for the management data is received from the terminal apparatus (column 4, line

39 through column 6, line 15, steps S107-S109 in Fig. 3, and steps S111-S114 in Fig. 4), the

management data in the HTML file being displayable at the terminal apparatus (column 5, line

35 through column 6, line 15), and controlling, in response to receipt of a designation of

management data by the terminal apparatus, and in response to receipt of a command output by

the terminal apparatus, transmission of the stored e-mail data corresponding to the designated

management data in accordance with the command (see Figs. 4 and 5, steps S114-S119 and steps

S123-S125, column 6, line 8 through column 7, line 59).

However, Mochizuki does not particularly teach of receiving e-mail data **via the network**, since the e-mail data is generated at the image input device 18, seen in Figs. 1 and 3. Sato discloses a communication method using a communication apparatus (network facsimile apparatus 2) including a scanner and a printer (32 and 31) connected to a terminal apparatus (client terminal 4a) via a network (network facility 5), with the communication method comprising receiving e-mail data via the network (column 8, line 60 through column 9, line 10, and column 11, lines 29 through 41), storing the received e-mail data into a memory (image memory 25, column 5, lines 55 through 67), generating a HTML file including management data corresponding to the stored e-mail data (column 6, lines 1 through 16), and a communicator that performs a HTTP protocol communication (column 4, lines 44 through 56) with the terminal apparatus to transmit the HTML file to the terminal apparatus when a request for the management data is received from the terminal apparatus (column 9, line 62 through column 10, line 16), the management data in the HTML file being displayable at the terminal apparatus (column 13, lines 24 through 40). Further, Sato teaches of generating e-mail data at the scanner (column 5, line 55 through column 6, line 49), being similar to the operation of Mochizuki discussed above. Because of this, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include the capability of receiving e-mail data via the network, along with through the scanner, as taught by Sato, in the system of Mochizuki. Mochizuki's system would easily be modified to incorporate Sato's teachings, as the systems share cumulative features, being additive in nature.

Regarding *claim 45*, Mochizuki and Sato disclose the method discussed above in claim 43, and Mochizuki further teaches of converting the stored e-mail data into image data (column

4, lines 5 through 46, and column 5, lines 4 through 10), and printing the converted image data

(column 7, lines 46 through 59), wherein the converted e-mail data is printed in accordance with

the command from the terminal apparatus (column 7, lines 6 through 62).

Regarding *claim 46*, Mochizuki and Sato disclose the apparatus discussed above in claim

30, and Mochizuki further teaches that the terminal apparatus displays command menu together

with the management data (see Fig. 4, column 5, line 49 through column 6, line 59).

Regarding *claim 47*, Mochizuki and Sato disclose the apparatus discussed above in claim

46, and Mochizuki further teaches that the terminal apparatus displays a plurality of commands

including at least a transmission command and a printing command, the stored e-mail being

controlled by selection of one of the commands (see Fig. 4, column 5, line 49 through column 6,

line 59).

Regarding *claim 48*, Mochizuki and Sato disclose the apparatus discussed above in claim

20, and Mochizuki further teaches that the memory is configured to store a plurality of e-mail

data (column 4, lines 16 through 62), the HTML file including management data for each of the

plurality of stored e-mail data (column 4, line 39 through column 5, line 34), and the

communicator transmitting a selected one of the plurality of e-mail data to the terminal

apparatus, in response to a designation of a corresponding management data (column 6, lines 8

through 59).

Regarding *claim 49*, Mochizuki and Sato disclose the apparatus discussed above in claim

20, and Mochizuki further teaches of the management data associating the HTML file with the

stored e-mail data (column 4, line 43 through column 5, line 34).

Regarding *claim 50*, Mochizuki and Sato disclose the apparatus discussed above in claim

30, and Mochizuki further teaches of the management data associating the HTML file with the

stored e-mail data (column 4, line 43 through column 5, line 34).

Regarding *claim 51*, Mochizuki and Sato disclose the method discussed above in claim

33, and Mochizuki further teaches of the management data associating the HTML file with the

stored e-mail data (column 4, line 43 through column 5, line 34).

Regarding *claim 52*, Mochizuki and Sato disclose the method discussed above in claim

43, and Mochizuki further teaches of the management data associating the HTML file with the

stored e-mail data (column 4, line 43 through column 5, line 34).

Citation of Pertinent Prior Art

7.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure:

Higley (U.S. Patent Number 5,790,793) discloses a system that receives e-mail and

generates a HTML file.

Conclusion

8.   Applicant's amendment necessitated the new ground(s) of rejection presented in this

Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the date of this

final action.

9.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Joe Pokrzywa whose telephone number is (703) 305-0146. The

examiner can normally be reached on Monday-Friday, 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Edward L. Coles can be reached on (703) 305-4712. The fax phone numbers for the

organization where this application or proceeding is assigned are (703) 872-9314 for regular

communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 306-0377.

$$J. R. P.$$

Joseph R. Pokrzywa
Examiner
Art Unit 2622

jrp
August 6, 2003

EDWARD COLES
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600